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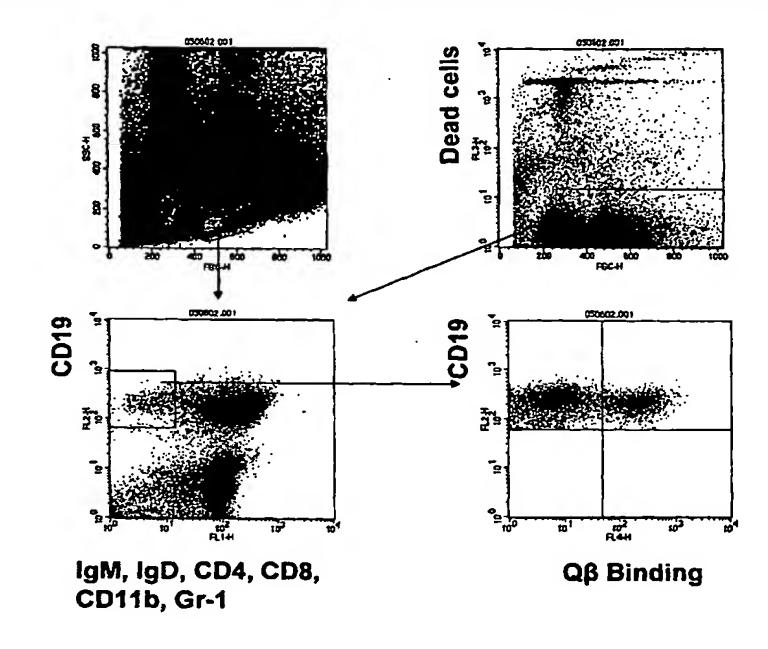
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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE,

[Continued on next page]

(54) Title: SELECTION OF B CELLS WITH SPECIFICITY OF INTEREST: METHOD OF PREPARATION AND USE



(57) Abstract: The present invention is related to the fields of molecular biology, virology, immunology and medicine. The invention provides methods using a composition comprising an ordered and repetitive antigen or antigenic determinant array for visualization and selection of B cells specific for the antigen. These B cells are useful for the production of monoclonal antibodies used for therapy, diagnostic or research purposes.

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— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

- of inventorship (Rule 4.17(iv)) for US only

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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C. DOCUMI	ENTS CONSIDERED TO BE RELEVANT		
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X Fur	ther documents are listed in the continuation of box C.	χ Patent family members are listed	In annex.
A docum	ategories of cited documents: ent defining the general state of the art which is not dered to be of particular relevance	"T" later document published after the Inte- or priority date and not in conflict with cited to understand the principle or the invention	the application but
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	e actual completion of the international search 29 October 2004	Date of mailing of the international sea	
	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer	
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Montrone, M	

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. X Claims Nos.: 58 because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: see FURTHER INFORMATION sheet PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple Inventions in this international application, as follows:
see additional sheet
As a result of the prior review under R. 40.2(e) PCT, no additional fees are to be refunded.
1. As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. X As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
1,2,5,10-46,49,54 to 62(all partially),7-9,51-53(all complete)
4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 58

Present claim 58 relates to a product defined by reference to a desirable characteristic or property, namely the selection of said cells by the method of claim 1. This claim falls clearly under the so called "reach through" claim format facing severe problems with respect to Article 6 PCT and Article 33(2) PCT since it is not clear which cells fall under the scope of protection of such a claim and whether already known antigen-specific B cells are not detrimental to novelty of such a claim. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

Internal Application No PCT/EP2004/005208

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